Join us for the

NASA DEVELOP

Fall 2021 DEVELOP Closeout Presentations

November 15th – November 18th

It's Geography Awareness Week! Click on the session times below to join the event and check out the NASA DEVELOP Twitter and Facebook pages for more information!

MONDAY 11/15 1pm ET

MSFC - Bhutan Agriculture
Developing a Crop Mask for Rice and Creating a Data Collection Protocol Utilizing Remotely Sensed Data in Bhutan

MSFC - Central America Disasters
Using Earth Observations to Map Flooding for Disaster Monitoring, to Inform Potential Risk, and Prepare for Possible Response

MSFC - St. Joseph Peninsula Disasters
Investigating Land Cover, Shoreline Change, and Sediment Transport Utilizing NASA Earth Observations

NC - Midwest Water Resources
Developing an Evapotranspiration Climatology to Analyze Spatiotemporal Water Budget Patterns in the Midwest

4pm ET

AZ - Hawai'i Disasters
Using NASA Earth Observations to Assess Coastal Flood Risk with Measures of Land Cover Change, Flood Extent, and Vulnerability for Adaptation and Mitigation Planning in Hawai'i Island

AZ - Yonkers Urban Development II
Leveraging NASA Earth Observations to Support Modeling Urban Cooling Interventions and Urban Heat Vulnerability in Yonkers, New York

GSFC - Maine Ecological Forecasting
Using NASA Earth Observations to Assess Federally Endangered Atlantic Salmon Habitat in Maine

GSFC - Western Montana Ecological Forecasting II
Modeling Habitat Suitability of Mustelid Species to Guide Detection Dog Surveys for Contaminants Monitoring, via Collected Scats, in River Systems of Northwestern Montana

MA - Fire Island Water Resources
Assessing Sediment Dynamics and Turbidity Changes Along Fire Island National Seashore Using Satellite Data

TUESDAY 11/16 2pm ET

GA - Carolina Coastal Plain Ecological Forecasting
Utilizing NASA Earth Observations to Map Suitable Venus Flytrap Habitat to Inform Conservation, Seed Banking, and Reintroduction in the Carolina Coastal Plain and Sandhills Regions

GA - Peru Health & Air Quality II
Leveraging Earth Observations and Health Data to Map Outbreak Risk and Inform Public Health Interventions for Zoonotic Disease Prevention

JPL - Maya Forest Water Resources II
Mapping Inundation Below the Forest Canopy in the Maya Tri-National Forest

JPL - Oklahoma Health & Air Quality
Mapping Air Quality Using NASA Earth Observations to Investigate Recent Increases in Ozone Concentrations

3pm ET

CO - Northeast US Ecological Forecasting
Modeling Current and Predicted Invasive Plant Habitat to Inform Treatment Efforts in the American Northeast

CO - Southern Wyoming Ecological Forecasting
Monitoring Cheatgrass in Southern Wyoming and Northern Colorado to Inform Management Efforts Post-Mullen Fire

ID - Grand Teton Ecological Forecasting
Assessing Forage Change and Winter Habitat Availability for Bighorn Sheep that Employ a High-Elevation Overwintering Strategy to Identify Areas for Intervention

Thursday 11/18 11am ET

ARC - Southern California Health & Air Quality
Using Remote Sensing to Detect the Frequency and Drivers of Red Tide Blooms in California to Assist in the Management of Human and Marine Exposure to Algal Toxins

LaRC - Southeast Michigan Health & Air Quality
Utilizing NASA Earth Observations to Measure Contributors to Ground-Level Ozone in Southeast Michigan

LaRC - Tonlé Sap Agriculture III
Assessing the health of the Tonlé Sap Basin in Cambodia with Remotely Sensed Data

LaRC - Washington DC & Maryland Energy
Estimating Solar Potential Using NASA POWER Data to Inform Renewable Energy Policy for Washington DC